

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	310	348/243.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 16:00
S2	216	S1 and (dark with (current or sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 12:41
S3	2457	(optical near5 black) same color	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 15:30
S4	823	348/241.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 15:27
S5	8	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 15:27
S6	145	(optical near5 black) and (differential adj3 amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 15:53
S7	4	(dark adj2 current) same (differential adj3 amplifier) same color	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 15:56
S8	133	S4 and (differential adj3 amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 16:09
S9	66	(differential adj3 amplifier) same color same (dark or noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/05 16:10
S10	6	("3818127"   "4549215"   "4886986"   "4980768"   "4987321"   "5010408").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/05 16:29
S11	4	(transimpedance adj2 amplifier) same (feedback adj2 resistor) same (compensation adj2 capacitor) same (photodiode or photodetector or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 13:10

## EAST Search History

S12	315	amplifier same (feedback adj2 resistor) same capacitor same (photodiode or photodetector or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:02
S13	3	("20020001436"   "6205266"   "6614967").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/15 17:51
S14	4	("6147757"   "6204924"   "6449033"   "6552836").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/15 17:54
S15	369	348/272.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/15 17:55
S16	0	S12 and S15	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/15 17:56
S17	1945	amplifier same resistor same capacitor same (photodiode or photodetector or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:05
S18	1	S17 and S15	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/15 17:56
S19	12	S12 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:03
S20	4	S15 and (amplifier same resistor same capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:06
S21	16	S15 and (amplifier same capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:17
S23	7	S15 and (amplifier same resistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 08:14
S24	182	348/280.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:11
S25	13	S24 and (amplifier same capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:18

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S26	162	348/301.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/15 18:18
S27	7	("5892540"   "6121843"   "6130423"   "6538245"   "6552324"   "6809767"   "6952004").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/15 18:24
S28	1082	(differential adj2 amplifier) with (remov\$3 or cancel\$4) with (dark or noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 07:34
S29	130	S28 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 08:15
S30	11	("3949162"   "4011442"   "4079422"   "4413188"   "4419696"   "4424590"   "4495523"   "4511804"   "4556910"   "4566040"   "4673821").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/16 07:59
S31	2080	amplifier same resistor same (pixel or phodiode or photodetector)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 13:12
S32	248	S31 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 08:15
S33	5	amplifier same (feedback adj2 resistor) same (compensation adj2 capacitor) same (photodiode or photodetector or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 13:10
S34	779	amplifier same resistor same (pixel or phodiode or photodetector) same capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 13:12
S35	83	S34 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 13:19
S36	13	S34 and 250/208.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/16 13:19